

DEPARTMENT OF TRANSPORTATION

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August 27, 2003

04-SCI-101-63.3/66.0
04-487604
ACNH-Q101(044)E

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SANTA CLARA COUNTY IN SAN JOSE FROM BROKAW ROAD UNDERCROSSING TO 0.5 KM NORTH OF DE LA CRUZ BOULEVARD OVERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on September 10, 2003. The original bid opening date was previously postponed under Addendum No.1 dated August 7, 2003.

This addendum is being issued to set a new bid opening date as shown herein and to revise the Project Plans, the Notice to Contractors and Special Provisions, and the Proposal and Contract.

Project Plan Sheets 4, 10, 18, 101, 105, 109, 124, 131, 214, 224, 227, 231, 237, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, and 260 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, Section 1, "SPECIFICATIONS AND PLANS AMENDMENT TO JULY 1999 STANDARD SPECIFICATIONS," in the subsection 49-1.08, "PILE DRIVING ACCEPTANCE CRITERIA," the third paragraph is revised as follows:

"The nominal resistance for driven piles shall be determined from the following formula in which " R_u " is the nominal resistance in kilonewtons, " E_r " is the manufacturer's rating for joules of energy developed by the hammer at the observed field drop height, and "N" is the number of hammer blows in the last 300 millimeters. (maximum value to be used for N is 100):

$$R_u = (7 * (E_r)^{1/2} * \log_{10} (0.83 * N)) - 550$$

In the Special Provisions, Section 10-1.18, "COOPERATION," the following paragraph is added after the fourth paragraph:

"It is anticipated that work by a Santa Clara Valley Water District contractor to construct a depressed maintenance road, tieback walls, concrete slope paving, and rock slope protection under Route 4, along the Guadalupe River Bridge No. 37-0037S in the City of San Jose may be in progress during the course of this contract."

Addendum No. 2
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04-SCI-101-63.3/66.0, 39.5/41.0(PM)
04-4874G4
ACNH-Q101(044)E

In the Special Provisions, Section 10-1.30, "TEMPORARY RAILING," the following paragraph is added after the first paragraph:

"Temporary railing (Type K) and crash cushion arrays shall be considered to be a traffic control device only once completely in place. The contractor shall close the adjacent traffic lane as specified in section 5-1.04, "Public Safety," when placing, removing, moving, or performing major repairs to temporary railing (Type K) and crash cushion arrays."

In the Special Provisions, Section 10-1.37, "EARTH RETAINING STRUCTURES," in the subsection "CONSTRUCTION," the following is added after the second paragraph in the subsection "Concrete,":

"For fractured rib texture see "Architectural surface (Textured Concrete)" elsewhere in these special provisions."

In the Special Provisions, Section 10-1.90, "ELECTRONIC EXTRA WORK REPORT," is added as attached.

In the Proposal and Contract, the Engineer's Estimate Items 62, 72, 74, 113, 116, 117, 121, 171, and 174 are revised as attached.

To Proposal and Contract book holders:

Replace pages 6, 8, 9 and 11 of the Engineer's Estimate in the Proposal with the attached revised pages 6, 8, 9 and 11 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it. A copy of this addendum and the modified wage rates are available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief
Office of Plans, Specifications & Estimates
Office Engineer

Attachments

10-1.90 ELECTRONIC EXTRA WORK REPORT

Attention is directed to Section 5-1.10, "Equipment and Plants," Section 7-1.01A(3), "Payroll Records," Section 9-1.03C, "Records," and Section 9-1.06, "Partial Payments," of the Standard Specifications.

All extra work reports shall be furnished to the Engineer using the department's electronic Extra Work Billing System. The Contractor shall conform to all the requirements set forth in the "Extra Work Billing System User's Guide." The Guide is available from the Department, and is also found on the Internet at http://www.dot.ca.gov/hq/construc/EWB_INSTRUCTION.pdf. The Department will provide electronic Extra Work Billing System accounts to a Contractor's representatives only after they have received training. The Department will provide system training to the Contractor's authorized representatives within 30 days of the Contractor's request for training.

An account, user identification assigned by the Department and password, used by the Contractor's representative is deemed to meet the signature requirement in Section 9-1.03C, "Records," of the Standard Specifications: "Daily extra work reports shall be signed by the Contractor or the Contractor's authorized representative."

Extra work reports that include materials shall be submitted by a valid copy of a vendor's invoice as required in Section 9-1.03C, "Records," of the Standard Specifications. Each invoice shall clearly identify the relative electronic extra work report and associated amount. In addition to postal service and parcel service, invoices may be sent via FAX or as an e-mail attachment if approved by the Engineer.

The Engineer will compare the Engineer's records with the completed electronic daily extra work report, will reject a report that has an error that affects payment, and will indicate the necessary adjustments the Contractor must make prior to re-sending a corrected electronic extra work report. A daily extra work report that the Contractor's representative sends to the Department using the electronic Extra Work Billing System is deemed signed by the Engineer.

Electronic submittal via the file transfer process shall conform to the Department's specified format. The Contractor is responsible for maintaining the required data file format and satisfying criteria in the file transfer process. The Contractor is responsible for maintaining and operating the Contractor's interface with the Department's Extra Work Billing System.

There will be no additional compensation to the Contractor for furnishing daily extra work reports using the Department's electronic Extra Work Billing System.

ENGINEER'S ESTIMATE
04-487604

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
62	190101	ROADWAY EXCAVATION	M3	23 773		
63	031633	SETTLEMENT INSTRUMENTATION	LS	LUMP SUM	LUMP SUM	
64	031634	LEAD COMPLIANCE PLAN (AERIALY DEPOSITED LEAD)	LS	LUMP SUM	LUMP SUM	
65 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	M3	430		
66 (F)	192020	STRUCTURE EXCAVATION (TYPE D)	M3	197		
67 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	M3	1116		
68 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	M3	229		
69 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	M3	698		
70	193114	SAND BACKFILL	M3	44		
71	194001	DITCH EXCAVATION	M3	630		
72 (F)	197020	EARTH RETAINING STRUCTURE	M2	790		
73	197060	SOIL NAIL ASSEMBLY	M	911		
74	198001	IMPORTED BORROW	M3	15 000		
75 (S)	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
76 (S)	031635	DRAINAGE OUTLET PROTECTION	EA	9		
77 (S)	031636	EROSION CONTROL (NETTING)	M2	3780		
78 (S)	203003	STRAW (EROSION CONTROL)	TONN	21		
79 (S)	203014	FIBER (EROSION CONTROL)	KG	2920		
80 (S)	203021	FIBER ROLLS	M	1810		

ENGINEER'S ESTIMATE
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Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	390165	ASPHALT CONCRETE (OPEN GRADED)	TONN	820		
102	390171	ASPHALT CONCRETE BASE (TYPE A)	TONN	120		
103	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	M2	4		
104	394040	PLACE ASPHALT CONCRETE DIKE (TYPE A)	M	120		
105	394048	PLACE ASPHALT CONCRETE DIKE (TYPE E)	M	300		
106	394049	PLACE ASPHALT CONCRETE DIKE (TYPE F)	M	50		
107	397001	ASPHALTIC EMULSION (PAINT BINDER)	TONN	6		
108	490700	FURNISH PILING (CLASS 900) (ALTERNATIVE W)	M	168		
109 (S)	490701	DRIVE PILE (CLASS 900) (ALTERNATIVE W)	EA	12		
110	490770	FURNISH PILING (CLASS 625) (ALTERNATIVE V)	M	644		
111 (S)	490771	DRIVE PILE (CLASS 625) (ALTERNATIVE V)	EA	42		
112 (S)	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
113 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	M3	126		
114 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	M3	711		
115 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	M3	336		
116 (F)	510072	STRUCTURAL CONCRETE, BARRIER SLAB	M3	274		
117 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	M3	80		
118 (F)	510129	CLASS 2 CONCRETE (BOX CULVERT)	M3	5		
119 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	39		
120	510522	MINOR CONCRETE (PIPE COVER)	M3	16		

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Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121 (F)	511064	FRACTURED RIB TEXTURE	M2	721		
122	511106	DRILL AND BOND DOWEL	M	170		
123 (S)	519142	JOINT SEAL (MR 40 MM)	M	31		
124 (S-F)	520102	BAR REINFORCING STEEL (BRIDGE)	KG	98 010		
125 (F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	KG	19 705		
126 (S-F)	520107	BAR REINFORCING STEEL (BOX CULVERT)	KG	623		
127 (S-F)	530100	SHOTCRETE	M3	26		
128 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	KG	16 499		
129 (S-F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	KG	16 499		
130 (S)	561009	920 MM CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	M	22		
131	562004	METAL (RAIL MOUNTED SIGN)	KG	120		
132	566011	ROADSIDE SIGN - ONE POST	EA	24		
133	566012	ROADSIDE SIGN - TWO POST	EA	3		
134	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	8		
135	568007	INSTALL SIGN OVERLAY	M2	4		
136	568016	INSTALL SIGN PANEL ON EXISTING FRAME	M2	83		
137	620909	450 MM ALTERNATIVE PIPE CULVERT	M	570		
138	620919	750 MM ALTERNATIVE PIPE CULVERT	M	7		
139	650079	900 MM REINFORCED CONCRETE PIPE	M	14		
140	665728	300 MM SLOTTED CORRUGATED STEEL PIPE (1.63 MM THICK)	M	32		

ENGINEER'S ESTIMATE
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Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161 (S)	839551	TERMINAL SECTION (TYPE B)	EA	8		
162 (S)	839553	END SECTION	EA	1		
163 (S)	839565	TERMINAL SYSTEM (TYPE SRT)	EA	8		
164 (S)	839568	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)	EA	3		
165 (S)	839569	TERMINAL ANCHOR ASSEMBLY (TYPE CA)	EA	1		
166 (S)	839570	RETURN SECTION	EA	1		
167 (S)	839591	CRASH CUSHION, SAND FILLED	EA	1		
168	839701	CONCRETE BARRIER (TYPE 60)	M	44		
169	839703	CONCRETE BARRIER (TYPE 60C)	M	1010		
170 (F)	839704	CONCRETE BARRIER (TYPE 60D)	M	255		
171 (F)	049466	CONCRETE BARRIER (TYPE 60 MODIFIED)	M	257		
172	839705	CONCRETE BARRIER (TYPE 60E)	M	46		
173 (F)	839725	CONCRETE BARRIER (TYPE 736)	M	51		
174 (F)	839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	M	387		
175	839731	CONCRETE BARRIER (TYPE 736B)	M	550		
176 (S)	840515	THERMOPLASTIC PAVEMENT MARKING	M2	80		
177 (S)	840561	100 MM THERMOPLASTIC TRAFFIC STRIPE	M	10 200		
178 (S)	840563	200 MM THERMOPLASTIC TRAFFIC STRIPE	M	2580		
179 (S)	840564	200 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 3.66 M - 0.92 M)	M	170		
180 (S)	840571	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 5.18 M - 2.14 M)	M	37		